$\sqrt{z_{\rm s}}$

Amendments to the Specification:

Please amend the specification as follows.

On page 15, please replace the paragraph that beings on line 14 with the following amended paragraph:

Fig. 8 is a graph illustrating an example of a mapping example—of filter coefficients corresponding to a plurality of measurements when a single-level reference value is adapted to the present invention in accordance with an embodiment of the present invention;

On page 15, please replace the paragraph that begins on line 25 with the following amended paragraph:

Fig. 10 is a graph illustrating an example of a mapping example of filter coefficients corresponding to a plurality of measurements when multi-level reference values are adapted to the present invention in accordance with an embodiment of the present invention;